

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HARTLEY *et al.*

Appl. No.: 10/058,291

Filed: January 30, 2002

For: **Recombinational Cloning Using
Engineered Recombination Sites**

Confirmation No.: 3302

Art Unit: 1636

Examiner: Guidry, G.L.

Atty. Docket: 0942.285000I/BJD/JKM

Eighth Supplemental Information Disclosure Statement

Under 37 C.F.R. § 1.97(b)

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms, PTO/SB/08A and PTO/SB/08B, are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Eighth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Seventh Supplemental Information Disclosure Statement filed on February 18, 2005 in connection with the above-captioned application.

Copies of documents AO24 to AN25 and AS214 to AR220 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents and patent application publications documents AF24 to AA26, cited on the attached IDS Form, PTO/SB08A, are not submitted. In addition, copies of documents AS220 to AS221 are not provided in accordance with the U.S. Patent and Trademark Office OG notice of October 19, 2004, which states: "the requirement in 37 C.F.R. § 1.98(a)(2)(iii) for a legible copy of the specification, including the claims, and drawings of each cited pending U.S. patent application (or portion of the application which caused it to be listed) is sua sponte waived where the cited pending application is stored in the USPTO's IFW system."

The Examiner's attention is directed to the following co-pending U.S. Patent Applications, which are directed to related technical subject matter:

Application No. 11/106,715, Byrd et al., filed April 15, 2005 and listed as Document AS220;

Application No. 11/249,274, Hartley et al., filed October 14, 2005 and listed as Document AT220;

Application No. 11/251,821, Brasch et al., filed October 18, 2005 and listed as Document AR221; and

Application No. 11/290,804, Gray et al., filed December 1, 2005 and listed as Document AS221.

In accordance with the recent Federal Circuit decision in *Dayco Prods., Inc. v. Total Containment, Inc.* 329 F.3d 1358 (Fed. Cir. 2003), Applicants submit herewith Office Actions from:

the related co-pending U.S. Patent Application No. 09/432,085, Hartley et al, as Document AR217;

the related co-pending U.S. Patent Application No. 09/517,466, Hartley et al, as Document AS217;

the related co-pending U.S. Patent Application No. 09/855,797, Hartley et al, as Documents AT217 and AR218;

the related co-pending U.S. Patent Application No. 09/907,719, Hartley et al, as Document AS218;

the related co-pending U.S. Patent Application No. 10/058,292, Hartley et al, as Documents AT218 and AR219;

the related co-pending U.S. Patent Application No. 10/151,690, Brasch et al, as Document AS219;

the related co-pending U.S. Patent Application No. 10/162,879, Hartley et al, as Documents AT219 and AR220;

which are directed to related technical subject matter. The identification of these Office Actions and applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

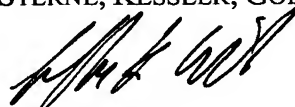
This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

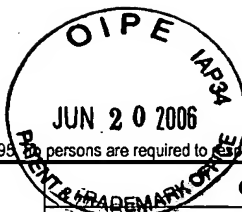


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**EIGHTH SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/058,291
Filing Date	January 30, 2002
First Named Inventor	James L. HARTLEY
Art Unit	1636
Examiner Name	Guidry, G.L.
Attorney Docket Number	0942.285000L/RWE/BJD/JKM

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if Known)			
	AF24	5,552,314	09/03/1996	Greener, Alan L.	
	AG24	5,695,971	12/09/1997	Kadokami <i>et al.</i>	
	AH24	5,910,438	06/08/1999	Bernard <i>et al.</i>	
	AI24	6,110,735	08/29/2000	Chartier <i>et al.</i>	
	AJ24	6,120,764	09/19/2000	Graham <i>et al.</i>	
	AK24	6,121,043	09/19/2000	Cochran <i>et al.</i>	
	AA25	6,140,087	10/31/2000	Graham <i>et al.</i>	
	AB25	6,156,497	12/05/2000	Kaleko	
	AC25	6,228,646	05/08/2001	Hardy	
	AD25	6,281,000	08/28/2001	Chartier <i>et al.</i>	
	AE25	2003/0022179 A1	01/30/2003	Chesnut <i>et al.</i>	
	AF25	2004/0132133 A1	07/08/2004	Bennett, Robert P.	
	AG25	2004/0253620 A1	12/16/2004	Leong <i>et al.</i>	
	AH25	2005/0069929 A1	03/31/2005	Chestnut <i>et al.</i>	
	AI25	2005/0095615 A1	05/05/2005	Welch <i>et al.</i>	
	AJ25	2005/0176065 A1	08/11/2005	Hanson, George Thomas	
	AK25	2005/0181417 A1	08/18/2005	Miles <i>et al.</i>	
	AA26	2005/0208530 A1	09/22/2005	Chesnut <i>et al.</i>	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	AO24	WO 96/23904 A1	08/08/1996	Replicon, Inc.		
	AP24	WO 97/47758 A1	12/18/1997	Massachusetts Institute of Technology		
	AL25	WO 98/38326 A1	09/03/1998	Nature Technology Corporation		
	AM25	WO 2005/012487 A2	02/10/2005	Invitrogen Corporation		
	AN25	WO 2005/014796 A2	02/17/2005	Invitrogen Corporation		

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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (07-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**EIGHTH SUPPLEMENTAL
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(Use as many sheets as necessary)

Complete if Known

Application Number	10/058,291
Filing Date	January 30, 2002
First Named Inventor	James L. HARTLEY
Art Unit	1636
Examiner Name	Guidry, G.L.
Attorney Docket Number	0942.2850001/RWE/BJD/JKM

Sheet 1 of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	AS214	Amin, A.A., <i>et al.</i> , "Synthesis of an Enzymatically Active FLP Recombinase In Vitro: Search for a DNA-Binding Domain," <i>Molec. Cell. Biol.</i> 9: 1987-1995, American Society for Microbiology (1989)	
	AT214	Bliska, J.B and Cozzarelli, N.R., "Use of Site-Specific Recombination as a Probe of DNA Structure and Metabolism <i>in Vivo</i> ," <i>J. Molec. Biol.</i> 194:205-218, Academic Press Inc. (1987)	
	AR215	Chatterjee, P.K. and Sternberg, N.L., "Retrofitting High Molecular Weight DNA Cloned in P1: Introduction of Reporter Genes, Markers Selectable in Mammalian Cells and Generation of Nested Deletions," <i>Genet. Anal.: Biomolec. Eng.</i> 13:33-42, Elsevier Science B.V. (July 1996)	
	AS215	Huang, L.-C., <i>et al.</i> , "A bacterial model system for chromosomal targeting," <i>Nucl. Acids Res.</i> 19:443-448, Oxford University Press (1991)	
	AT215	Kanegae, Y., <i>et al.</i> , "Efficient gene activation in mammalian cells by using recombinant adenovirus expressing site-specific Cre recombinase," <i>Nucl. Acids Res.</i> 23:3816-3821, Oxford University Press (October 1995)	
	AR216	Lieber, A., <i>et al.</i> , "Recombinant Adenoviruses with Large Deletions Generated by Cre-Mediated Excision Exhibit Different Biological Properties Compared with First-Generation Vectors In Vitro and In Vivo," <i>J. Virol.</i> 70:8944-8960, American Society for Microbiology (December 1996)	
	AS216	Liu, X. and Gorovsky, M.A., "Mapping the 5' and 3' Ends of <i>Tetrahymena thermophila</i> mRNAs Using RNA Ligase Mediated Amplification of cDNA Ends (RLM-RACE)," <i>Nucl. Acids Res.</i> 21:4954-4960, Oxford University Press (1993)	
	AT216	Wang, Y. <i>et al.</i> , "Targeted DNA recombination in vivo using an adenovirus carrying the cre recombinase gene," <i>Proc. Natl. Acad. Sci. USA</i> 93:3932-3936, National Academy of Sciences (April 1996)	
	AR217	Copy of Office Action for United States Patent Application No. 09/432,085, Hartley <i>et al.</i> , mailed June 16, 2005	
	AS217	Copy of Office Action for United States Patent Application No. 09/517,466, Hartley <i>et al.</i> , mailed November 18, 2005	

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Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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				Filing Date	January 30, 2002
				First Named Inventor	James L. HARTLEY
				Art Unit	1636
				Examiner Name	Guidry, G.L.
Sheet	2	of	3	Attorney Docket Number	0942.285000I/RWE/BJD/JKM

NON PATENT LITERATURE DOCUMENTS			
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	AT217	Copy of Office Action for United States Patent Application No. 09/855,797, Hartley <i>et al.</i> , mailed April 20, 2005	
	AR218	Copy of Office Action for United States Patent Application No. 09/855,797, Hartley <i>et al.</i> , mailed October 11, 2005	
	AS218	Copy of Office Action for United States Patent Application No. 09/907,719, Hartley <i>et al.</i> , mailed July 26, 2005	
	AT218	Copy of Office Action for United States Patent Application No. 10/058,292, Hartley <i>et al.</i> , mailed May 26, 2005	
	AR219	Copy of Office Action for United States Patent Application No. 10/058,292, Hartley <i>et al.</i> , mailed November 18, 2005	
	AS219	Copy of Office Action for United States Patent Application No. 10/151,690, Brasch <i>et al.</i> , mailed April 18, 2005	
	AT219	Copy of Office Action for United States Patent Application No. 10/162,879, Hartley <i>et al.</i> , mailed April 28, 2005	
	AR220	Copy of Office Action for United States Patent Application No. 10/162,879, Hartley <i>et al.</i> , mailed October 20, 2005	
	AS220	United States Patent Application No. 11/106,715, Byrd <i>et al.</i> , filed April 15, 2005	
	AT220	United States Patent Application No. 11/249,274, Hartley <i>et al.</i> , filed October 14, 2005	

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Sheet	3	of	3
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